

Application No.: 10/518,185
Amendment Dated: January 31, 2007
Reply to Office Action of: October 31, 2006

MAT-8579US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No: 10/518,185
Applicant: Akihiko MATSUOKA, et al.
Filed: December 16, 2004
Title: NONLINEAR DISTORTION COMPENSATION CIRCUIT WITH
FEEDBACK AND BASEBAND REFERENCE SIGNAL THAT ARE
PHASE AND AMPLITUDE CONTROLLABLE (AS AMENDED)
TC/A.U.: 2618
Examiner: Junpeng Chen
Confirmation No.: 5599
Docket No.: MAT-8579US

AMENDMENT

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated **October 31, 2006**, please amend the above-identified application as follows:

- ☒ **Amendments to the Title** begin on page **2** of this paper.
- ☐ **Amendments to the Specification** begin on page of this paper.
- ☒ **Amendments to the Claims** are reflected in the listing of claims which begins on page **3** of this paper.
- ☒ **Amendments to the Drawings** begin on page **8** of this paper and includes an attached replacement sheet.
- ☐ **Amendments to the Abstract** are on page of this paper. A clean version of the Abstract is on page of this paper.
- ☒ **Remarks/Arguments** begin on page **9** of this paper.

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Amendment to the Title:

Please replace the Title with the following:

TRANSMISSION DEVICE NONLINEAR DISTORTION COMPENSATION CIRCUIT
WITH FEEDBACK AND BASEBAND REFERENCE SIGNAL THAT ARE PHASE AND
AMPLITUDE CONTROLLABLE